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Form PTO-1449 (modified)

For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-63300

APPLICANT: Saulpaugh et al

FILING DATE: August 31, 2000

SERIAL NO. 09/653,229

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U.S. PATENT DOCUMENTS

		J	J.S. PATENT	DOCUMENTS			
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	• DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
بالل	Al	5,455,952	10/3/95	Gjovaag	[_	
Ja	A2	5,386,568	1/31/95	Wold, et al.		-	
Ju	A3	5,423,042	6/6/95	Jalili, et al.		~	
UW	A4	5,481,721	1/2/96	Serlet, et al.	_	Tec Tec	70
JM	A5	5,557,798	9/17/96	Skeen, et al.	_	AUG 0	Æ
Ju	A6	5,944,793	8/31/99	Islam, et al.			RECEIVE
Ju	A7	5,946,485	8/31/99	Weeren, et al.	1	8 200 Center	Z
Ju	A8	5,946,694	8/31/99	Copeland, et al.		2001 Inter 2	Ü
Jan .	A9	4,491,946	1/1/85	Kryshow, Jr., et al.	_) <u>1</u> -2100	
JM.	A10	4,713,806	12/15/87	Oberlander, et al.			
Je	A11	4,809,160	2/28/89	Mahon, et al.	-		
Jan	A12	4,939,638	7/3/90	Stephenson, et al.	_		
Jm	A13	5,088,036	2/11/92	Ellis, et al.			
Ju	A14	4,823,122	4/18/89	Mann, et al.	_	_	
Jin	A15	4,956,773	9/11/90	Saito, et al.	_	_	
Jan	A16	5109,486	4/28/92	Seymour			
Jn	A17	5,187,787	2/16/93	Skeen, et al.		- '	
Jh	A18	5,218,699	6/8/93	Brandle, et al.			
Ja	A19	5,257,369	10/26/93	Skeen, et al.		_	
JM	A20	5,293,614	3/8/94	Ferguson, et al.			
Jm	A21	5,297,283	3/22/94	Kelly, Jr., et al.			
Ju	A22	5,307,490	4/26/94	Davidson, et al.			
JM	A23	5,311,591	5/10/94	Fischer			
JM	A24	5,339,435	8/16/94	Lubkin, et al.			
JM	A25	5,390,328	2/14/95	Frey, et al.	J		
JW	A26	5,440,744	8/8/95	Jacobson, et al.			

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EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Jay.	A27	5,448,740	9/5/95	Kiri, et al.	٠	<u> </u>	
SA	A28	5,452,459	9/19/95	Drury, et al.			
Jμ	A29	5,471,629	11/28/95	Risch	-	Tec	
JM.	A30	5,475,792	12/12/95	Stanford, et al.		Technology	R
Joh	A31	5,475,817	12/12/95	Waldo, et al.) H
Jim	A32	5,504,921	4/2/96	Dev, et al.	1		X
Jn	A33	5,511,197	4/23/96	Hill, et al.		er 2	
JN	A34	5,524,244	6/4/96	Robinson, et al.		100	
Jm	A35	5,553,282	9/3/96	Parrish, et al.	1		
)in	A36	5,555,367	9/10/96	Premerlani, et al.			
Jan	A37	5,555,427	9/10/96	Aoe, et al.	/	_	
JM.	A38	5,560,003	9/24/96	Nilsen, et al.	_		
JM	A39	5,561,785	10/1/96	Blandy, et al.			
bn	A40	5,577,231	11/19/96	Scalzi, et al.			
Jin	A41	5,594,921	1/14/97	Pettus		_	
Jn	A42	5,603,031	2/11/97	White, et al.			
٦M	A43	5,680,573	10/21/97	Rubin, et al.		~	
JN	A44	5,680,617	10/21/97	Gough, et al.		_	
Sin	A45	5,684,955	11/4/97	Meyer, et al.	_		
Ju	A46	5,689,709	11/18/97	Corbett, et al.			
Jm	A47	5,706,435	1/6/98	Barbara, et al.	-		
Jm	A48	5,706,502	1/6/98	Foley, et al.			•
JM	A49	5,724,588	3/3/98	Hill, et al.	_		
Jin	A50	5,727,145	3/10/98	Nessett, et al.		_	
MC	A51	5,617,537	4/1/97	Yamada, et al.			
ML	A52	5,628,005	5/6/97	Hurvig			
Jim	A53	5,640,564	6/17/97	Hamilton, et al.	-		

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JW	A54	5,644,768	7/1/97	Periwal, et al.	J	(
Jos	A55	5,652,888	7/29/97	Burgess, et al.			
Ju	A56	5,655,148	8/5/97	Richman, et al.)	Tec	-37
)#	A57	5,659,751	8/19/97	Heninger		Technology	E PE
)kv	A58	5,671,225	9/23/97	Hooper, et al.	-	logy (CEIV
Jan	A59	5,675,796	10/7/97	Hodges, et al.		Center	8 2
In	A60	5,737,607	4/7/98	Hamilton, et al.)	ter ;	/ED
Jw.	A61	5,745,678	4/28/98	Herzberg, et al.		2100	
Jeu	A62	5,745,695	4/28/98	Gilchrist, et al.	1		
Jan	A63	5,745,703	4/28/98	Cejtin, et al.	_		
Ĵ'n	A64	5,745,755	4/28/98	Covey	-	~	
JM	A65	5,748,897	5/5/98	Katiyar	-		
JM	A66	5,754,849	5/19/98	Dyer, et al.	1		
NL	A67	5,757,925	5/26/98	Faybishenko			
Jn	A68	5,761,656	6/2/98	Ben-Shachar)		
JM	A69	5,764,897	6/9/98	Khalidi	_)	
Jw	A70	5,768,532	6/16/98	Megerian		_	•
Jan	A71	5,774,551	6/30/98	. Wu, et al.			
7M	A72	5,778,228	7/7/98	Wei ·			
ML	A73	5,778,368	7/7/98	Hogan, et al.	-		
	A74	5,787,425	7/28/98	Bigus			
٦٣	A75	5,787,431	7/28/98	Shaughnessy	,		
Jay	A76	5,790,548	8/4/98	Sistanizadeh, et al.		4.24.	
Jn	A77	5,802,367	9/1/98	Held, et al.		 *	
JM	A78	5,808,911	9/15/98	Tucker, et al.	ç	No. 19	
JM	A79	5,809,507	9/15/98	Cavanaugh, III	C		
Jw	A80	5,813,013	9/22/98	Shakib, et al.		<u> </u>	
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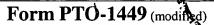
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J _H	A81	5,815,149	9/29/98	Mutschler, III et al.		<u> </u>	
Jin	A82	5,815,709	9/29/98	Waldo, et al.	~		
Na	A83	5,815,711	9/29/98	Sakamoto, et al.			
) _{\$} ^	A84	5,818,448	10/6/98	Katiyar			卫
/w	A85	5,829,022	10/27/98	Watanabe, et al.)	Technology (RECEIV NUG 0 8
<u>\\</u>	A86	5,832,219	11/3/98	Pettus	-	<u> </u>	0 8
Jw.	A87	5,832,529	11/3/98	Wollrath, et al.		Center 21	VED 2011
Jn	A88	5,832,593	11/10/98	Wurst, et al.	_	er 2	20
JM	A89	5,835,737	11/10/98	Sand, et al.	_		
Jn	A90	5,842,018	11/24/98	Atkinson, et al.		_	
Jeu	A91	5,844,553	12/1/98	Hao, et al.			
NC	A92	5,845,129	12/1/98	Wendorf, et al.			
JM	A93	5,860,004	1/12/99	Fowlow, et al.)		
JM	A94	5,860,153	1/12/99	Matena, et al.	_		
Sm	A95	5,864,862	1/26/99	Kriens, et al.		-	
Ju	A96	5,864,866	1/26/99	Henckel, et al.)	
JW	A97	5,872,928	2/16/99	Lewis, et al.	(
Jju	A98	5,872,973	2/16/99	Mitchell, et al.			
Jin	A99	5,875,335	2/23/99	Beard	-		
JM	A100	5,878,411	3/2/99	Burroughs, et al.			
ML	A101	5,884,024	3/16/99	Lin, et al.			
7m	A102	5,884,079	3/16/99	Furusawa		-	
Ju	A103	5,887,134	3/23/99	Ebrahim			
Ju	A104	5,890,158	3/30/99	House, et al.	1		
7iv	A105	5,892,904	4/6/99	Atkinson, et al.			
JH.	A106	5,933,497	8/3/99	Beetcher, et al.			
Ja	A107	5,935,249	8/10/99	Stern, et al.		<u> </u>	
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JN	A108	5,940,827	8/17/99	Hapner, et al.	, —			
Ju	A109	5,966,531	10/12/99	Skeen, et al.				
∂ار م	A110	5,969,967	10/19/99	Aahlad, et al.		1	T	
שנ	A111	5,987,506	11/16/99	Carter, et al.	,	Technology Center CT	RECEIVED ANG 0 8 2001	
JM	A112	5,999,179	12/7/99	Kekic, et al.	- 4) 6010	00	
Ju	A113	6,003,763	12/21/99	Gallagher, et al.		y Ce	NE 87	
JW	A114	6,009,103	12/28/99	Woundy		(FED 2001	
Jan	A115	6,016,496	1/18/00	Roberson		-	510	
JM	A116	6,026,414	2/15/00	Anglin			9	
Jin	A117	6,031,977	2/29/00	Pettus	~			
JM	A118	6,061,699	5/9/00	DiCecco, et al.				
Jm	A119	6,061,713	5/9/00	Bharadhwaj				
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B) B1	"Java TM Remote Method Invocation Specification," Sun Microsystems, Inc., <java.sun.com dk1.2beta1="" products="">, 1997.</java.sun.com>							
B2	Agha, et al., "Actorspaces: An Open Distributed Programming Paradigm," University of Illinois, Report No. UIUCDCS-R-92-1766, Open Systems Laboratory TR NO. 8, pp. 1-12, November 1992.							
В3	Ahmed, et al., "A Program Building Tool for Parallel Applications," Yale University, pp. 1-23, December 1, 1993.							
B4	Aldrich, et al., "Providing Easier Access to Remote Objects in Client-Server Systems," System Sciences, 1998, Proceedings of the 31 st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 366-375.							
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В6	Anderson, et al., "Persistent Linda: Linda + Transaction + Query Processing," Proceedings of the 13 th Symposium on Fault Tolerant Systems, pp. 93-109, 1991.							
В7	"Transparent Network Computing," Locus Computing Corporation, January 5, 1995.							
B8	Alexander, et al., "Active Bridging," Proceedings of the ACM/SIGCOMM'97 Conference, Cannes, France, September, 1997.							
В9	Beech, et al., "Object Databases as Generalizations of Relational Databases," Computer Standards & Interfaces, Vol. 13, Nos. 1/3 pp. 221-230, Amsterdam, NL, January 1991.							
B10	Bertino, et al., "Object-Oriented Database Management Systems: Concepts and issues,: Computer, Vol. 24, No. 4, pp. 33-47, Los Alamitos, CA, April 1991.							
B11	Betz, et al, "Interoperable Objects: Laying the Foundation for Distributed Object Computing," Dr. Dobb's Journal, Vol. 19, NO. 11, page 18(13), October 1994.							
B12	Bevan, et al., "An Efficient Reference Counting Solution To The Distributed Garbage Collection Problem," Parallel Computing, NL, Elsevier Science Publishers, Amsterdam, Vol. 9, No. 2, pages 179-192, January 1989.							
B13	Birrell, et al., "Distributed Garbage Collection for Network Objects," Digital Systems Research Center, NO. 116, pages 1-18, December 15, 1993.							
B14	Birrell, et al., "Grapevine: An Exercise in Distributed Computing," Communications fo the ACM, Vol. 25, No. 4, pp. 260-274, April 1982.							
B15	Birrell, et al., "Network Objects," DEC SRC Research Report 115, February 28, 1995.							
B16	Birrell, et al., "Implementing Remote Procedure Calls," ACM Transactions on Computer Systems, Vol. 2, No. 1, pp. 39-59, February 1994.							
B17	Birrell, et al., "Network Objects," Operating Systems Review, 27(5), pp. 217-230, December 1993.							
B18	Cannon, et al., "Adding Fault-Tolerant Transaction Processing to LINDA," Software-Practice and Experience, Vol. 24(5), pp. 449-466, May 1994.							
B19	Cardelli, "Obliq, A Lightweight Language For Network Objects," Digital SRC, pp. 1-37, November 5, 1993.							
B20	Carriero, et al., "Distributed Data Structures in Linda," Principles of Programming Language, pp. 1-16, 1986.							
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TADEMARK OF	B22	Chung, et al., "A Tiny' Pascal Compiler: Part 1: The P-Code Interpreter," BYTE Publications, Inc., September 1978.
Ĵħ	B23	Chung, et al., "A Tiny' Pascal Compiler: Part 2: The P-Compiler," BYTE Publications, Inc., October 1978.
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San	B29	Dourish, "A Divergence-Based Model of Synchrony and Distribution in Collaborative Systems," Xerox Technical Report EPC-1194-102, pp. 1-10, 1994.
)M	B30	Drexier, et al., "Incentive Engineering for Computational Resource Management," The Ecology of Computation, Elsevier Science Publishers B.V., pp. 231-266, 1988.
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7W	В37	Gray, et al. "Leases: An Efficient Fault-Tolerant Mechanism for Distributed File Cache Consistency," ACM, pp. 202-210, 1989.
MC	B38	Guth, "JavaOne: Sun to Expand Java Distriubted Computing Effor," http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html , XP-002109935, p.1, February 20, 1998.
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ML	B51	Stevenson, "Token-Based Consistency of Replicated Servers," IEEE, CH2686-4/89/0000/0179, pp. 179-183, 1989.
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Sm	B54	Waldo, et al., "Events in An RPC Based Distributed System," Proceedings Of The 1995 USENIX Technical Conference, Proceedings USENIX Winter 1995 Technical Conference, New Orleans, LA, USA, 16-20, pages 131-142, January 1995.
JW.	B55	Wilson, et al., "Design of the Opportunistic Garbage Collector," Proceedings of the Object Oriented Programming Systems Languages And Applications Conference, New Orleans, Vol. 24, No. 10, October 1989.
J 64	B56	Wollrath, et al., "A Distributed Object Model for the Jaca ™ System," USENIX Association, Conference on Object-Oriented Technologies and Systems, June 17-21, 1996.
JM	B57	Wu, "A Type System For An Object-Oriented Database Systems," Proceedings of the International Computer Software and Applications Conference (COMPSAC), Tokyo, Japan, pp. 333-338, Sept. 11-13, 1991.
gy.	B58	Yemini, et al., "Towards Programmable Networks," IFIP/IEEE International Workshop on Distributed Systems: Operations and Management, L'Aquila, Italy, October 1996.
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JN	B62	Mitchell, et al., "Mesa Language Manual," Xerox Corporation, Palo Alto Research Center, 1978.
) sA	B63	McDaniel, "An Analysis of a Mesa Instruction Set," Xerox Corporation, May 1982.
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